



**Fleet Division** 

Corporate and Product Overview

# **Arlasky Performance Inc. (API)**



- Established & Incorporated 2003
- Frank Arlasky (President & CEO)
- Invented & Manufactured patented after market exhaust systems to improve vehicle performance for any combustible engine
  - Primary focus has been cars, SUVs, commercial fleets, marine craft, motorcycles
- 3 Patents (US and International) on API technology
- Documented ≥5% to 16% increases in fuel economy by creating substantially more horsepower and torque

### **Mastermind Venture Partners**



- Purpose
  - Assist with capital raises, developing infrastructure, processes and procedures to ensure long term growth and success
- API Business Development outsourced to MVP
- Managing Partners: Michael Ishida, Susan Wong
- Business Development: Tim Volk, Paul Rodriguez
- Vertical Expertise
  - Renewable Energy
  - Technology
  - Life Science (Biotech, Med Device, Pharma, Health Care)
  - Entertainment
  - Automotive

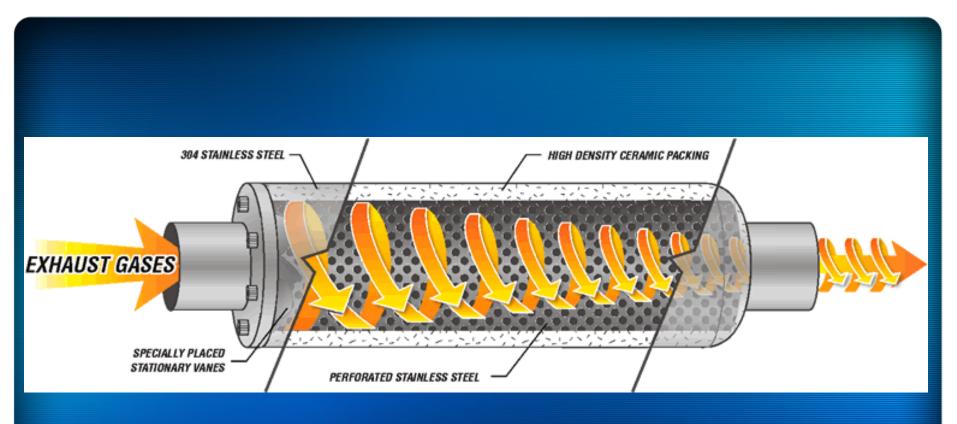
## The Challenge



- Reduce operating costs
- Comply with federal, state and local guidelines to reduce emission gases
- Become GREEN
- Greenhouse Gas Emissions
  - Growth may be reduced by ongoing efforts to increase the use of newer, cleaner technologies and other measures. Additionally, our everyday choices about such things as commuting, housing, electricity use and recycling can influence the amount of greenhouse gases being emitted.
    - U.S. Environmental Protection Agency
- Fluctuating and Costly Fossil Fuels
  - Even when crude oil prices are stable, gasoline prices fluctuate due to seasonal demand and local retail station competition. Gasoline prices can change rapidly if something disrupts the supply of crude oil or if there are problems at refineries or with delivery pipelines.
    - U.S. Energy Information Administration

# **API Patented Technology**





All of our API Exhaust Systems significantly reduce backpressure and are installed downstream of any emissions control equipment so as to not interfere with any OEM warranties or emissions laws

## **API Patented Technology**



- API Exhaust Systems
  - The Vortex Expansion Chamber is an efficient flow-through design with a twist-literally. As the turbulent exhaust enters the chamber's larger diameter, it's contoured and spun by a special set of vanes. The result is a drop in pressure, which aids in scavenging the system. Flow velocity is kept high and unwanted backpressure is reduced.
    - Patents: 7380639, 7383919
  - The Venturi Extraction Tip assists the incoming flow from the Vortex Expansion Chamber. The innovative design utilizes the fast moving air going under the vehicle. The resulting Venturi effect creates a low pressure area in the tip, which helps to extract the gasses. The effect increases with speed.
    - Patents: 5371331

## **The Opportunity**



- Core benefits
  - Lowered Emissions
  - Increased Fuel Efficiency
  - Increased Performance
  - Lifetime Warranty
  - Risk Free Product Evaluation Period
- Your Return
  - Increased Fuel Savings
  - Monies Available to be Spent on Other Projects
  - Lowering Your Carbon Footprint

### **Class 8 Fuel Test Results**





Use

Make Model/Year Engine Before MPG After MPG % Improvement Beginning ODO

### Long Haul General

Kenworth T600 1995 Cat 3406 5.50 5.88 6.91% 1,100,897



Use

Make Model/Year Engine Before MPG After MPG % Improvement Beginning ODO

### Short Haul Environmental

<u>Sterlina</u> 2005 Mercedes Detroit Diesel 4.77 5.16 8.18% 5,810



Use

Make Model/Year Engine Before MPG After MPG % Improvement Beginning ODO



International 1998 Detroit Diesel 6.40 6.895 7.73% 857,882



Use

Make Model/Year Engine Before GPH After GPH % Improvement Beginning ODO



Mack 1998 E-Tec600 5.31 5.86 10.36%



. Use

Model/Year Engine Before GPH After GPH % Improvement Beginning ODO

Make

#### Short Haul Bulk

Freiahtliner
2005
Mercedes Detroit Diesel
5.26
4.74
9.89%
55,588



Use

Make Model/Year Engine Before MPG After MPG % Improvement Beginning ODO

### Long Haul

Volvo 2000 Volvo VED-12 5.71 6.38 11.73% 739.846

## **Medium Duty Fuel Test Results**





COMPANY Make Model/Year Engine Before MPG After MPG % Improvement Beginning ODO TOWING GMC 6500 2001 TOPKICK

> 7.36 8.56 16.30% 48.952



COMPANY
Make
Model/Year
Engine
Before MPG
After MPG
% Improvement
Beginning ODO

FORD F-550 2004 V -10 Triton 6.36 7.01 10.22% 68,752



COMPANY Make Model/Year Engine Before NPG After NPG % Improvement Beginning ODO TOWING Nissan UD 1994 Nissan 7.91 8.76 10.75% The Manual of the Colors of th

COMPANY Make Model/Year Engine Before MPG After MPG % Improvement Beginning ODO Ford F-450 2003 Ford 7.76 8.45



COMPANY
Make
Model/Year
Engine
Before MPG
After MPG
% Improvement
Beginning ODO

TOWING Ford F-550 2004 V-10 Triton 5.30 5.88 10.94% 28,752



COMPANY
Make
Model/Year
Engine
Before MPG
After MPG
% Improvement
Beginning ODO

FORD F-650 2004 Ford 7.04 7.89

56,425

74,839

### Risk Free Trial Evaluation



- Provide us with vehicles for testing that are representative of your overall fleet and we will provide the API Exhaust Systems for those vehicles at no cost to you.
- Prove our claims on your vehicles, with your drivers, routes and loads at our expense!
- If we don't produce agreed upon results, you don't pay.
- Your obligation is to agree that if our technology increases the fuel economy of the test vehicle by 5 percent or more, you will
  - Consider our proposal to retrofit your fleet with our patented technology.
  - If you do not wish to proceed, you will buy or return our test units.

## **API Responsibilities**



- Help you select the test trucks that are representative of your fleet.
- Provide data collection guidelines for testing agreeable to management.
- Coordinate and manage system installation on the test vehicles.
- Collect the test data and present fuel data results to management.
- Present fleet retrofit proposal and installation schedule.

# **Customer Responsibilities**

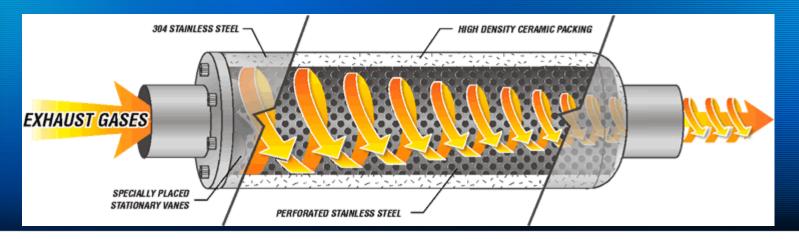


- Supply prior 2 to 3 month's fuel data to include:
  - Dollars spent and gallons purchased for entire fleet.
  - Provide a complete list of current vehicles in the fleet.
  - Select Trucks that, if possible have the same drivers for both the before and after test periods.
- When results meet or exceed agreed upon fuel savings targets management will meet to discuss an economic proposal and financing options.
- Designate key contact to coordinate installations with API Manager.

### **Future API Enhanced Technology**



- Emissions Control Particle Burner (Patent Pending)
  - To Comply with all 2010 Emission Standards
  - Burns Exhaust Particulates before leaving the Exhaust Chamber
  - Harmful Exhaust Gases Never Reach The Atmosphere
  - Greatly Reduces or eliminates Harmful Exhaust Gases and /or Particulates



### **Next Steps**



- Identify Test Vehicles
- Gather vehicle data according to test protocol
  - Prior mileage and fuel data
- Set Date for Product Installation
- Set schedule of odometer readings and data transfers
- Set up meeting to review final results
- MVP to provide proposal
- Purchase and outfit fleet of vehicles